

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT** of:

Kijima et al.

Patent No.: 7,164,445

Issued: January 16, 2007

Appln. No.: 10/068,815

Filed: February 5, 2002

Our File: FUK-P195942.1

Date: December 17, 2008

For: METHOD AND APPARATUS FOR
ADJUSTING SWEEP-OUT FREQUENCY OF
AN IMAGING APPARATUS RESPONSIVE
TO THE CONDITION OF A POWER
SOURCE

REQUEST FOR CERTIFICATE OF CORRECTION

Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. §255 and 37 C.F.R. §1.323 is requested for U.S. Patent No. 7,164,445. Correction of the following typographical errors is requested.

IN THE SPECIFICATION

At column 1, line 4, insert the following:

--CROSS-REFERENCE TO RELATED APPLICATION

This application is a divisional of U.S. Patent Application No. 09/350,335, filed July 9, 1999.

FIELD OF THE INVENTION--

At column 1, line 6, delete "BACKGROUND OF THE INVENTION".

At column 1, line 11, after line beginning with "cameras, digital cameras and the like:", insert --BACKGROUND OF THE INVENTION--.

At column 1, line 50, after the words, "which the", delete "compresses" and insert therefor --compressed--.

At column 2, line 5, after the word "obtaining", insert --a--.

At column 2, line 18, before the words "is done", delete "charge discharge" and insert therefor --discharge of charge--.

At column 3, line 6, after the word "synchronism", delete "to" and insert therefor --with--.

At column 3, line 15, after the word "synchronism", delete "to" and insert therefor --with--.

At column 3, line 21, after the word "period", delete "V5" and insert therefor --V6--.

At column 4, line 10, after the word "synchronism", delete "to" and insert therefor --with--.

At column 4, line 49, after the word "frequency", delete "of" and insert therefor --,--.

At column 4, line 58,, before the word "type", delete "normally open" and insert therefor --a normally-open--.

At column 5, line 3, after the word "Furthermore,", insert --a--.

At column 5, line 12, after the word "trigger,", insert --a--.

At column 5, line 38, after the word "judging", insert --an--.

At column 6, line 5, after the word "than", insert --when--.

At column 6, line 27, after the word "judging", delete "mean" and insert therefor --means--.

At column 6, line 31, after the word "around", insert --(i.e. is located near to)--.

At column 7, line 10, after the word "judging", insert --a--.

At column 7, line 16, after the words "basis of", insert --the--.

At column 7, line 18, before the word "objects", delete "Other" and insert therefor --The above as well as other--.

At column 8, line 12, before the word "Figure", delete "the" and insert therefor --this--.

At column 8, line 37, after the words "member 51", delete "having open ends." and insert therefor --open at both ends--.

At column 8, line 52, after the word "pair", insert --of--.

At column 8, line 57, after the words "with a", delete "prefix" and insert therefor --suffix--.

At column 8, line 58, after the words "with a", delete "prefix" and insert therefor --suffix--.

At column 8, line 63, after the word "closer", delete "to" and insert therefor --together--.

At column 9 line 9, before the words "with its", delete "51y" and insert therefor --51z--.

At column 9, line 15, before the word "lens", delete "fix" and insert therefor --fixed--.

At column 9, line 18, before the word "lens", delete "fix" and insert therefor --fixed--.

At column 9, line 39, after the word "member", delete "**65**" and insert therefor **--66--**.

At column 9, line 58, before the word "stop", delete "fix" and insert therefor **--fixed--**.

At column 10, line 11, before the word "Figures", delete "The" and insert therefor **--These--**.

At column 10, line 16, after the words "signal as", insert **--a--**.

At column 10, line 34, after the word "FIG.", delete "4" and insert therefor **--5--**.

At column 10, line 52, after the word "apparatus,", insert **--to--**.

At column 11, line 15, before the word "each", delete "to" and insert therefor **--with--**.

At column 11, line 67, before the words "the output", delete "to" and insert therefor **--by--**.

At column 12, line 20, after the words "that the", delete "1RWS" and insert therefor **--1RSW--**.

At column 12, line 61, after the word "means", delete "**210**" and insert therefor **--20--**.

At column 13, line 5, before the words "in dependence", delete "**21**" and insert therefor **--f2--**.

At column 13, line 8, before the word "frequency", delete "sweep-put" and insert therefor **--sweep-out--**.

At column 13, line 26, after the word "means", delete "**20**" and insert therefor **--28--**.

At column 13, line 36, after the words "according to", insert **--whether--**.

At column 13, line 40, after the word "frequency", delete "f12" and insert therefor --f--.

At column 13, line 55, before the word "compares", delete "19", and insert therefor --18--.

At column 13, line 60, after the word "sets", insert --f to--.

At column 14, line 9, after the word "means", delete "20" and insert therefor --28--.

At column 14, line 61, after the word "level", delete "VBC1", and insert therefor --VBC2--.

At column 14, line 65, after the word "sets", insert --f to--.

At column 15, line 16, before "f2", delete "for" and insert therefor --or--.

At column 15, line 26, after the word "sets", insert --f to--.

At column 15, line 28, after the word "means", delete "209", and insert therefor --20--.

At column 15, line 39, after the word "into", delete "considerations" and insert therefor --consideration--.

At column 15, lines 44 & 45, after the words "it is", delete "in dependence" and insert therefor --dependent--.

At column 15, line 65, after the word "taking", delete "it into considerations" and insert therefor --into consideration--.

IN THE CLAIMS

At claim 15, column 19, line 14, before the word "element", delete "imagine" and insert therefor --imaging--.

Patentee: Kijima et al.
Patent No.: 7,164,445

REMARKS

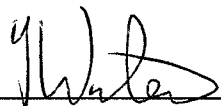
Patentees believe that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentees have enclosed a completed Certificate of Correction Form PTO/SB/44.

Since at least one of the errors was caused by Applicant, payment of the surcharge fee of \$100.00 (Form PTO-2038) is enclosed.

Patentees respectfully request that the Certificate of Correction be issued.

Respectfully submitted,

Kijima et al.

By 
Louis Weinstein
Registration No. 20,477

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103
(215) 568-6400 – Telephone No.
(215) 568-6499 – Facsimile No.

LW/hg
Enclosures

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 1 of 5

PATENT NO. : 7,164,445

APPLICATION NO.: 10/068,815

ISSUE DATE : January 16, 2007

INVENTOR(S) : Kijima et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE SPECIFICATION

At column 1, line 4, insert the following copy:

--CROSS-REFERENCE TO RELATED APPLICATION

This application is a divisional of U.S. Patent Application No. 09/350,335, filed July 9, 1999.

FIELD OF THE INVENTION--

At column 1, line 6, delete "BACKGROUND OF THE INVENTION".

At column 1, line 11, after line beginning with "cameras, digital cameras and the like.", insert --BACKGROUND OF THE INVENTION--.

At column 1, line 50, after the words, "which the", delete "compresses" and insert therefor --compressed--.

At column 2, line 5, after the word "obtaining", insert --a--.

At column 2, line 18, before the words "is done", delete "charge discharge" and insert therefor --discharge of charge--.

At column 3, line 6, after the word "synchronism", delete "to" and insert therefor --with--.

At column 3, line 15, after the word "synchronism", delete "to" and insert therefor --with--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 2 of 5

PATENT NO. : 7,164,445

APPLICATION NO.: 10/068,815

ISSUE DATE : January 16, 2007

INVENTOR(S) : Kijima et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 3, line 21, after the word "period", delete "V5" and insert therefor --V6--.

At column 4, line 10, after the word "synchronism", delete "to" and insert therefor --with--.

At column 4, line 49, after the word "frequency", delete "of" and insert therefor --,--.

At column 4, line 58,, before the word "type", delete "normally open" and insert therefor --a normally-open--.

At column 5, line 3, after the word "Furthermore,", insert --a--.

At column 5, line 12, after the word "trigger,", insert --a--.

At column 5, line 38, after the word "judging", insert --an--.

At column 6, line 5, after the word "than", insert --when--.

At column 6, line 27, after the word "judging", delete "mean" and insert therefor --means--.

At column 6, line 31, after the word "around", insert --(i.e. is located near to)--.

At column 7, line 10, after the word "judging", insert --a--.

At column 7, line 16, after the words "basis of", insert --the--.

At column 7, line 18, before the word "objects", delete "Other" and insert therefor --The above as well as other--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 3 of 5

PATENT NO. : 7,164,445

APPLICATION NO.: 10/068,815

ISSUE DATE : January 16, 2007

INVENTOR(S) : Kijima et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 8, line 12, before the word "Figure", delete "the" and insert therefor --this--.

At column 8, line 37, after the words "member 51", delete "having open ends." and insert therefor --open at both ends--.

At column 8, line 52, after the word "pair", insert --of--.

At column 8, line 57, after the words "with a", delete "prefix" and insert therefor --suffix--.

At column 8, line 58, after the words "with a", delete "prefix" and insert therefor --suffix--.

At column 8, line 63, after the word "closer", delete "to" and insert therefor --together--.

At column 9 line 9, before the words "with its", delete "51y" and insert therefor --51z--.

At column 9, line 15, before the word "lens", delete "fix" and insert therefor --fixed--.

At column 9, line 18, before the word "lens", delete "fix" and insert therefor --fixed--.

At column 9, line 39, after the word "member", delete "65" and insert therefor --66--.

At column 9, line 58, before the word "stop", delete "fix" and insert therefor --fixed--.

At column 10, line 11, before the word "Figures", delete "The" and insert therefor --These--.

At column 10, line 16, after the words "signal as", insert --a--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 4 of 5

PATENT NO. : 7,164,445

APPLICATION NO.: 10/068,815

ISSUE DATE : January 16, 2007

INVENTOR(S) : Kijima et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 10, line 34, after the word "FIG.", delete "4" and insert therefor --5--.

At column 10, line 52, after the word "apparatus,", insert --to--.

At column 11, line 15, before the word "each", delete "to" and insert therefor --with--.

At column 11, line 67, before the words "the output", delete "to" and insert therefor --by--.

At column 12, line 20, after the words "that the", delete "1RWS" and insert therefor --1RSW--.

At column 12, line 61, after the word "means", delete "210" and insert therefor --20--.

At column 13, line 5, before the words "in dependence", delete "21" and insert therefor --f2--.

At column 13, line 8, before the word "frequency", delete "sweep-put" and insert therefor --sweep-out--.

At column 13, line 26, after the word "means", delete "20" and insert therefor --28--.

At column 13, line 36, after the words "according to", insert --whether--.

At column 13, line 40, after the word "frequency", delete "f12" and insert therefor --f--.

At column 13, line 55, before the word "compares", delete "19", and insert therefor --18--.

At column 13, line 60, after the word "sets", insert --f to--.

At column 14, line 9, after the word "means", delete "20" and insert therefor --28--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 5 of 5

PATENT NO. : 7,164,445

APPLICATION NO.: 10/068,815

ISSUE DATE : January 16, 2007

INVENTOR(S) : Kijima et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 14, line 61, after the word "level", delete "VBC1", and insert therefor --VBC2--.

At column 14, line 65, after the word "sets", insert --f to--.

At column 15, line 16, before "f2", delete "for" and insert therefor --or--.

At column 15, line 26, after the word "sets", insert --f to--.

At column 15, line 28, after the word "means", delete "209", and insert therefor --20--.

At column 15, line 39, after the word "into", delete "considerations" and insert therefor --consideration--.

At column 15, lines 44 & 45, after the words "it is", delete "in dependence" and insert therefor --dependent--.

At column 15, line 65, after the word "taking", delete "it into considerations" and insert therefor --into consideration--.

IN THE CLAIMS

At claim 15, column 19, line 14, before the word "element", delete "imagine" and insert therefor --imaging--.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.